

526, 101

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
15 April 2004 (15.04.2004)

PCT

(10) International Publication Number
WO 2004/030443 A1

(51) International Patent Classification⁷: A01G 23/08,
B27B 25/04

CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT (utility model), PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/FI2003/000680

(22) International Filing Date:
18 September 2003 (18.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
20021770 4 October 2002 (04.10.2002) FI

(71) Applicant and
(72) Inventor: KETONEN, Lauri [FI/FI]; Huvilakatu 15,
FIN-64100 Kristiinankaupunki (FI).

(74) Agent: KESPAT OY; P.O.Box 601, FIN-40101 Jyväskylä
(FI).

(81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,

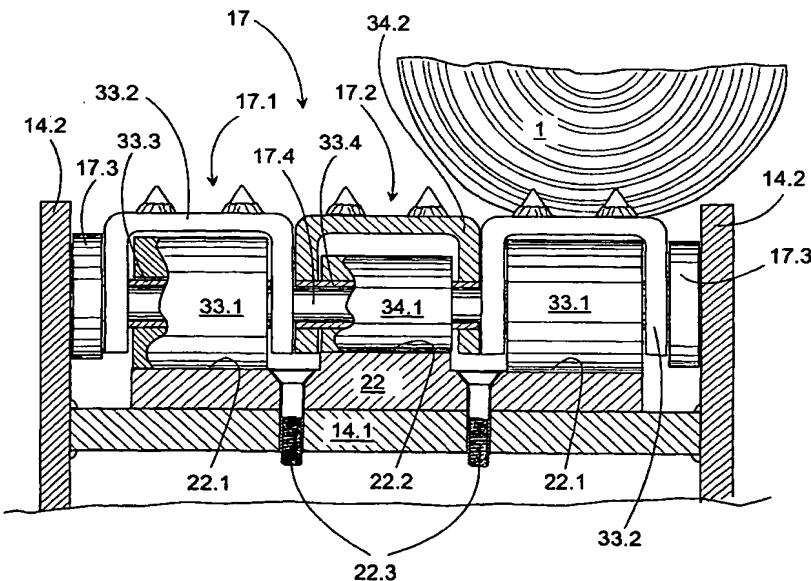
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FEEDER DEVICE IN A TIMBER HARVESTER



(57) Abstract: The invention relates to a feeder device in a timber harvester, which includes a frame (21), a 3-row roller chain (17) arranged to be rotated around a drive sprocket (24), a turnover member (25) and rolling guides (22.1, 22.2), which rolling guides extend for a great length on the adhesion side, between the drive sprocket (24) and the turnover member (25), and in which roller chain (17) there are rows of links staggered relative to each other by transverse pins (17.4), comprising a middle row of links (17.2) with smaller rollers (34.1) and outer rows of links (17.1) with larger rollers (33.1), each row of links corresponding to its own rolling guide (22.1, 22.2).

WO 2004/030443 A1